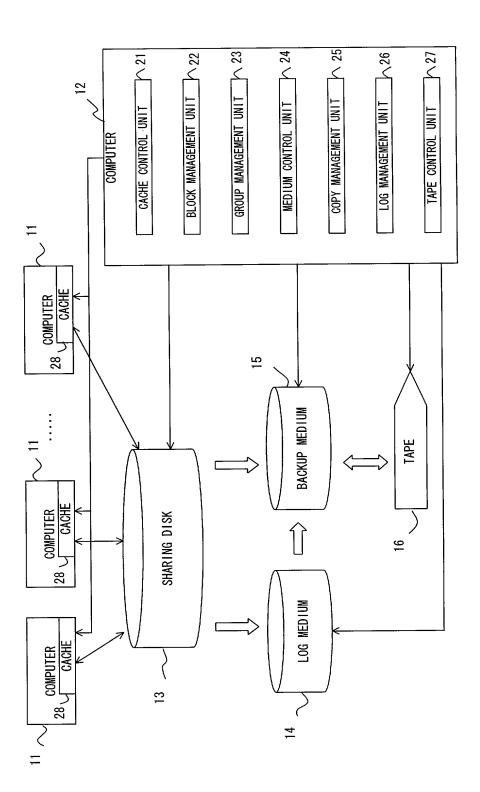


F I G. 1



F I G. 2

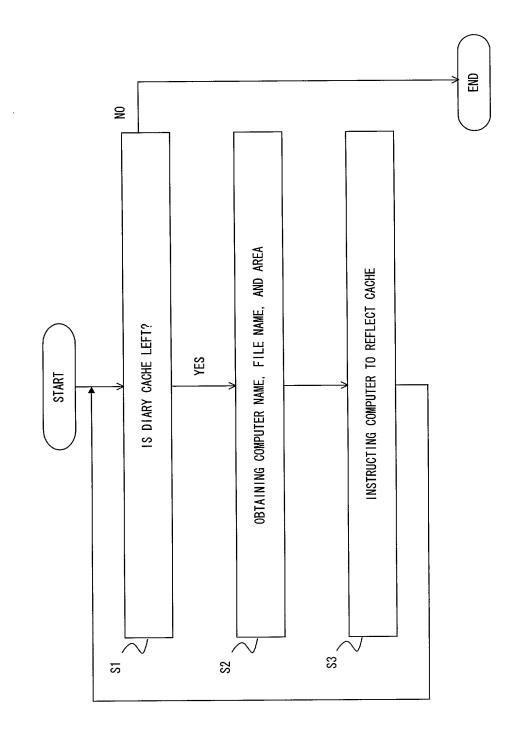
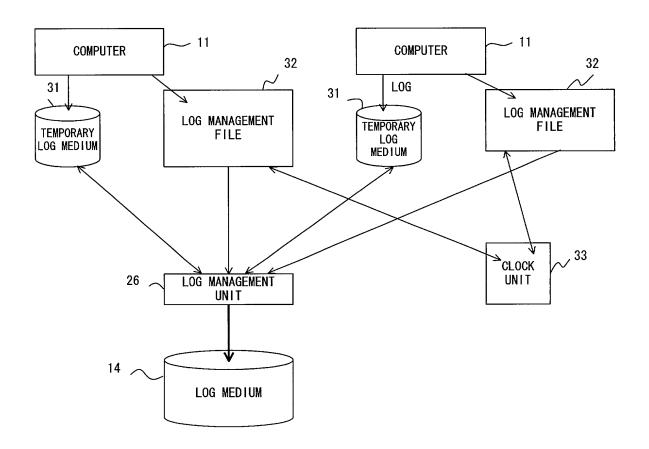
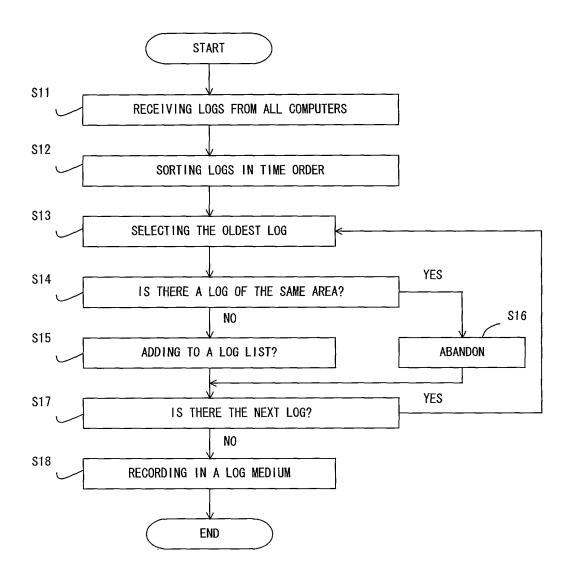


FIG. 3



F I G. 4



F I G. 5

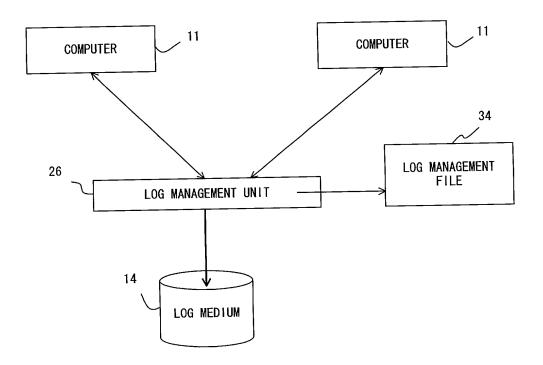
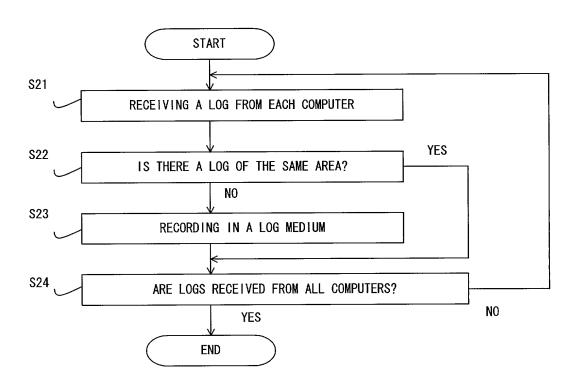


FIG. 6



F I G. 7

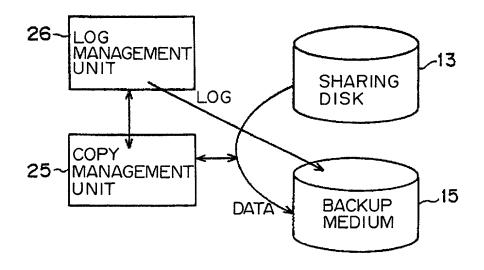


FIG. 8

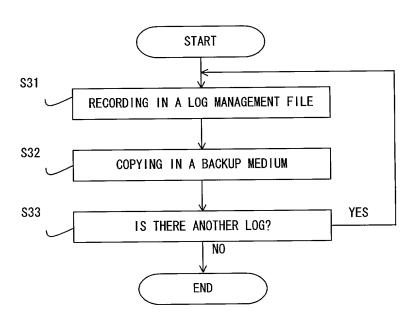


FIG. 9

DEVICE NAME	ORIGINAL ADDRESS	LENGTH
α	#a	2
β	#b	1
	•	
	•	
	•	
•	•	

F I G. 10

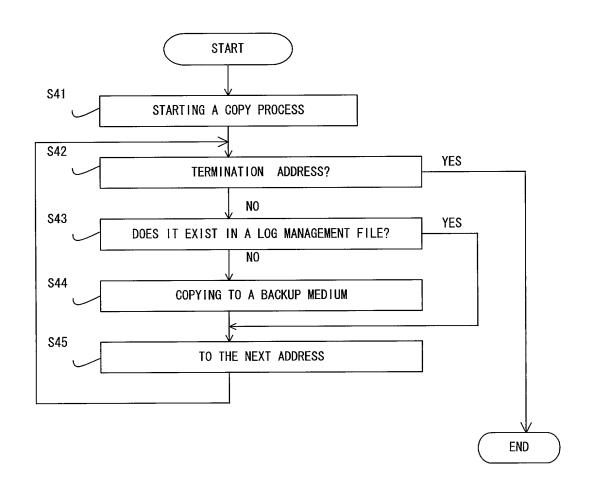


FIG. 11

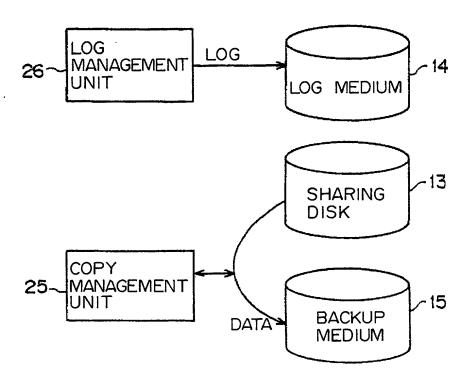


FIG. 12

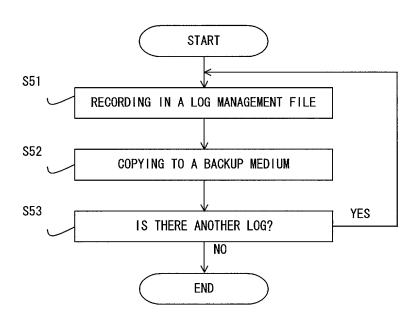


FIG. 13

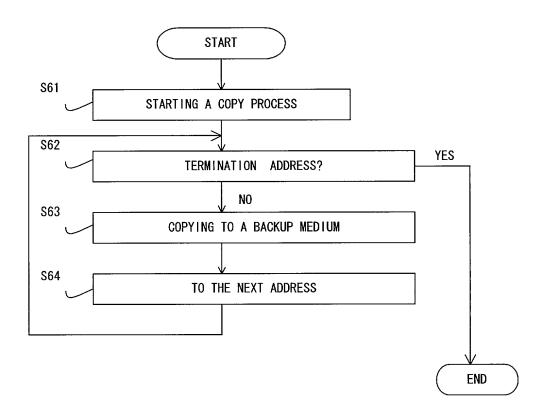


FIG. 14

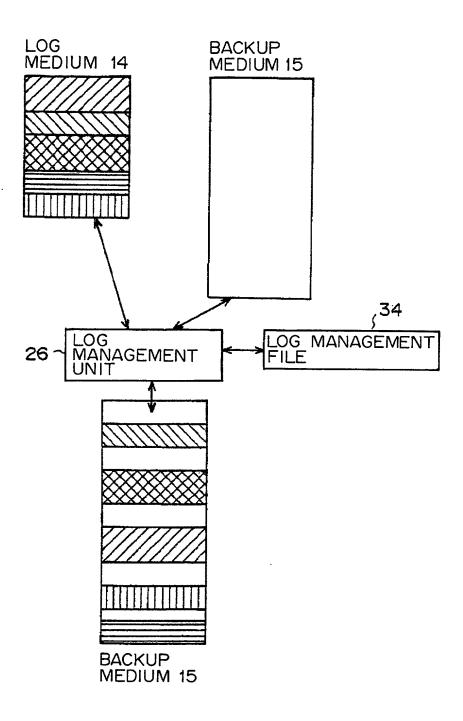


FIG. 15

ORIGINAL ADDRESS	LENGTH	CONTENTS OF LOG
#a	1	XXXX
#b	3	XXXX
•	•	•
•	•	
•		
•	•	•

F I G. 16

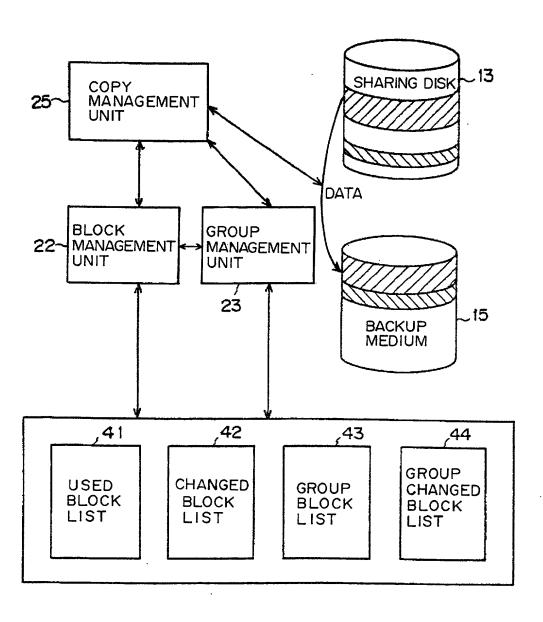


FIG. 17

FLAG	BLOCK NO.
0	1
×	2
0	3
0	4
×	5
×	6
i	i

F I G. 18

BLOCK NO.	
2	
5	
6	
:	

F I G. 19

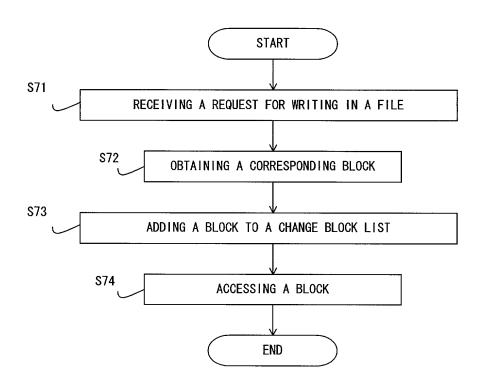


FIG. 20

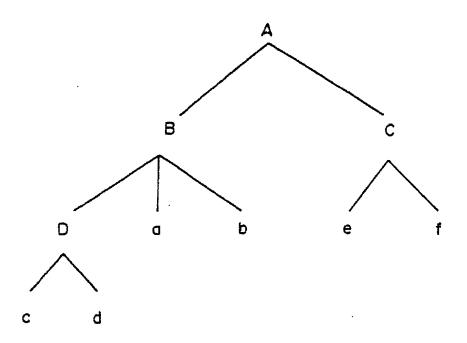


FIG. 21

dir_A/*
dir_C/*
X dir_D/file_d

FIG. 22

dir_X/file_a
dir_Y/file_b
dir_Z/*
X dir_Z/file_c

FIG. 23

blockno 1, 2, 3

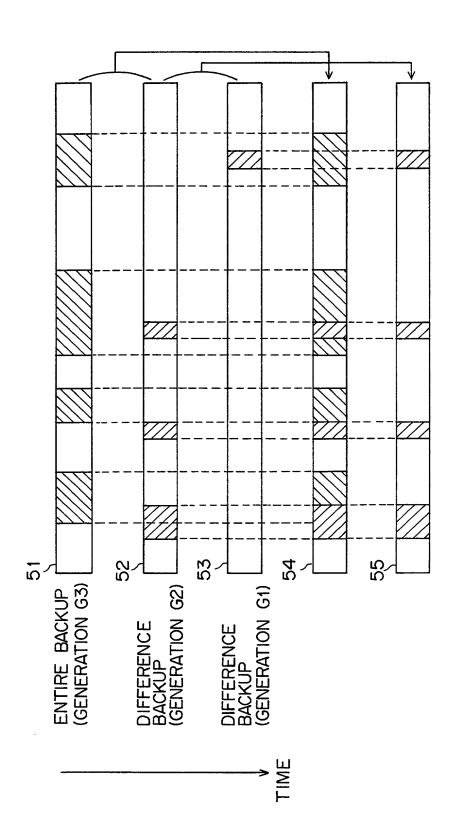
blockno 8, 9

blockno 123

blockno 12567, 12568

blockno 35670

FIG. 24



F1G. 25

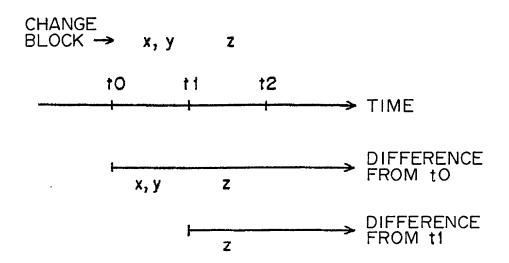
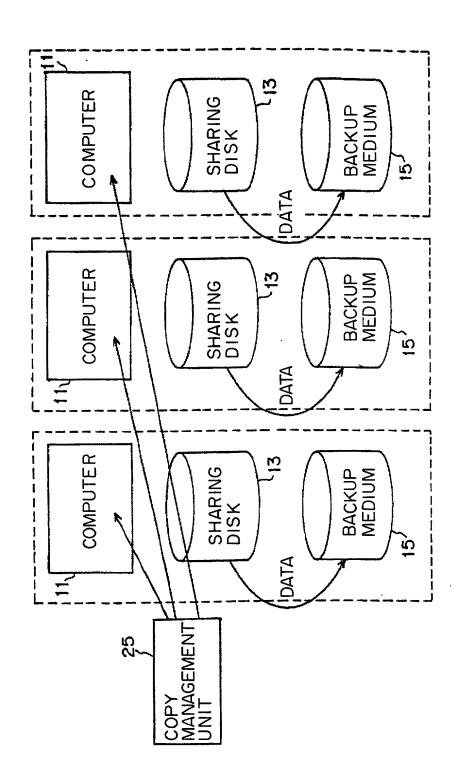


FIG. 26



F16. 27

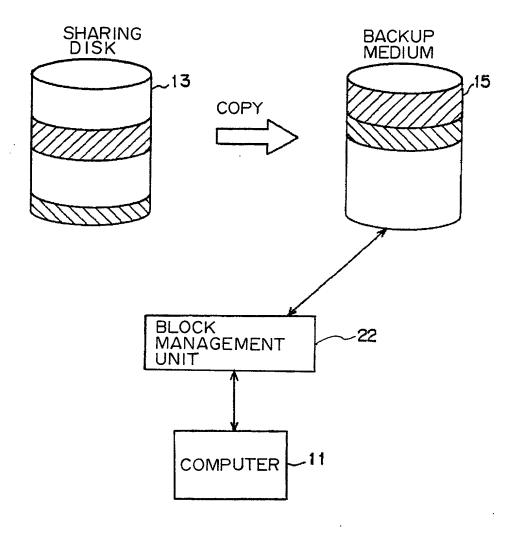


FIG. 28

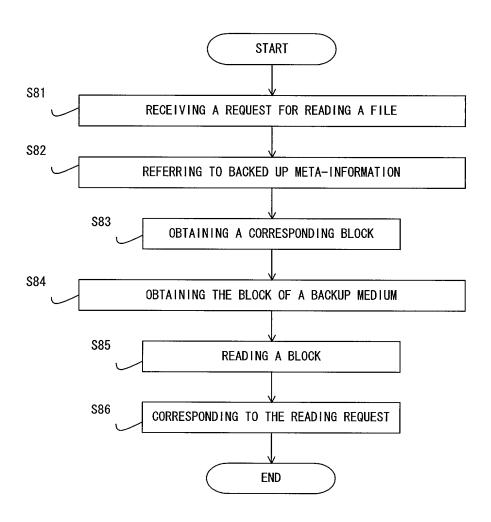


FIG. 29

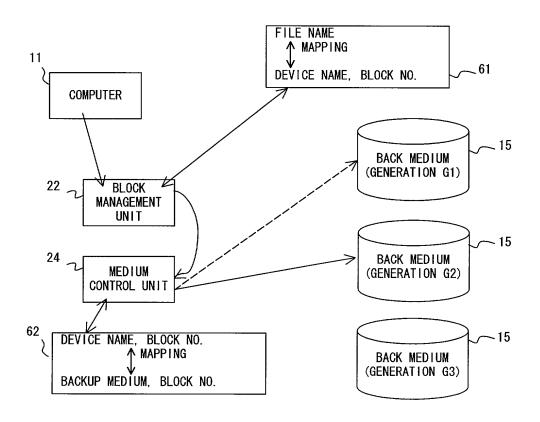
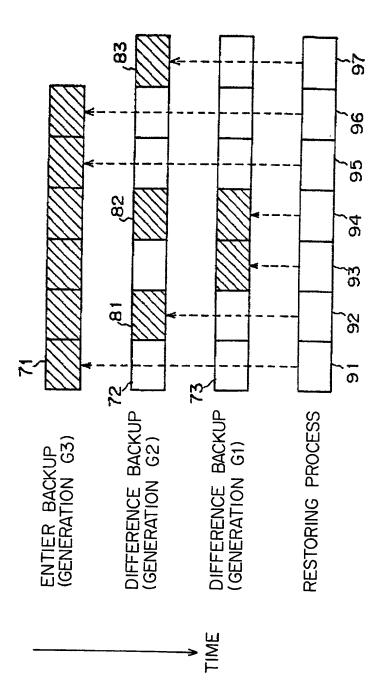
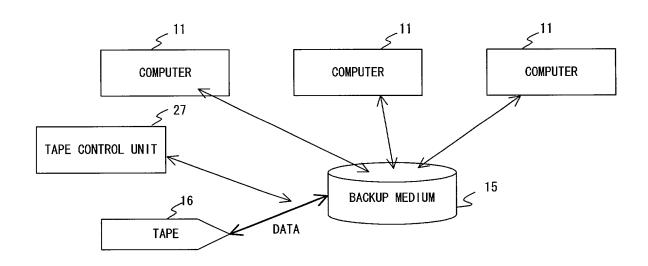


FIG. 30



F1G. 31



F I G. 32

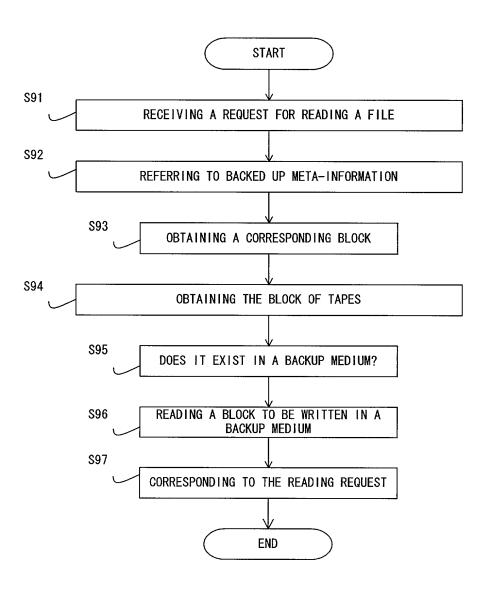
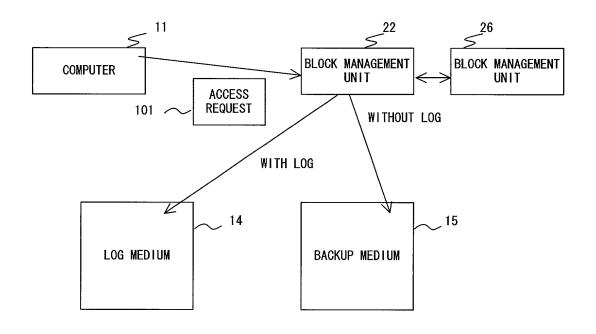


FIG. 33



F I G. 34

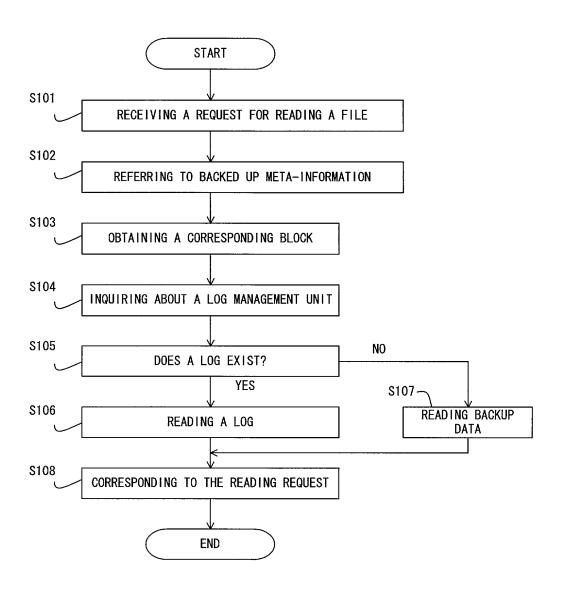
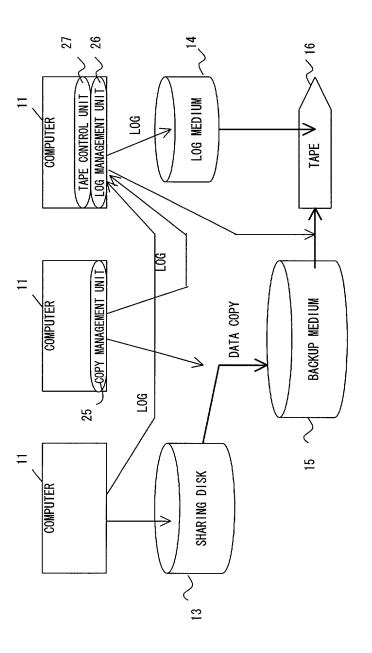
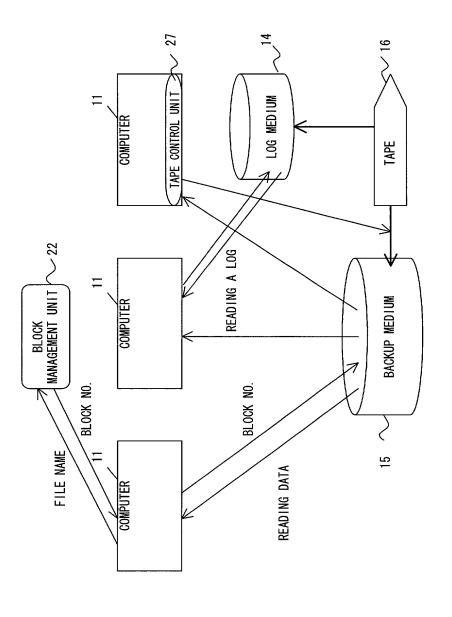


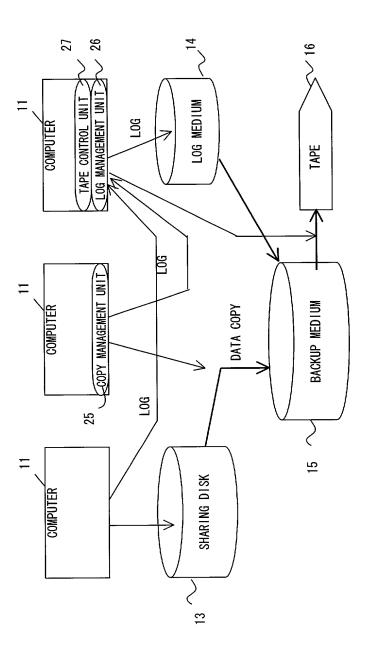
FIG. 35



F I G. 36



F I G. 37



F I G. 38

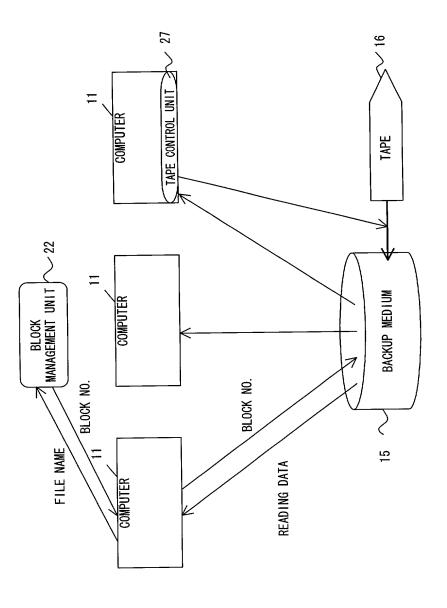
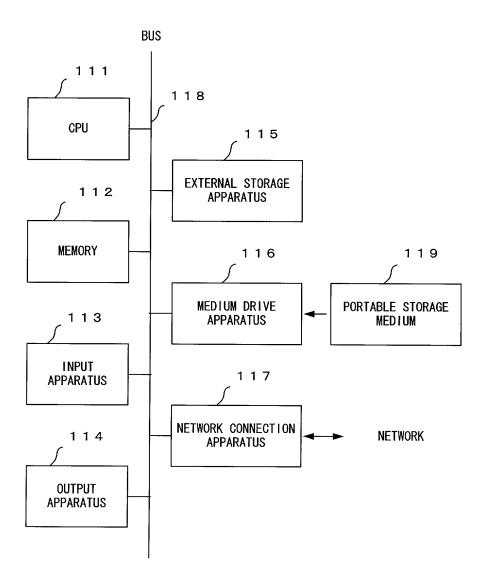
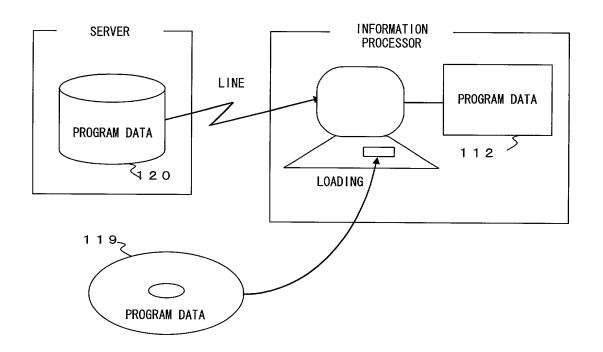


FIG.39



F I G. 40



F I G. 4 1